

## Vitale, Matthew J - DNR

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**From:** Vitale, Matthew J - DNR  
**Sent:** Wednesday, July 28, 2021 10:59 AM  
**To:** Langdon, Robert  
**Cc:** Garth Frable  
**Subject:** Site Investigation Workplan Notice to Proceed - Blackhawk Junction BRRS #s 02-12-552357, 06-12-587767  
**Attachments:** Soil Gas Sampling.pdf

Rob,

I have reviewed the Site Investigation Workplan Addendum dated July 12, 2021. I concur with the updated well locations and understand you plan to install these wells next week. I do not want to delay the work, and this email is your notice to proceed with the proposed site investigation work.

There are two additional items that must be included in a future site investigation workplan and completed before the Site Investigation will be considered complete.

1. Evaluation of emerging contaminants – all open sites were sent a letter in August 2020 that explained the requirement for evaluating emerging contaminants as part of the site investigation workplan. [The letter](#), along with our [Site investigation Scoping guidance document](#) goes into additional detail.
2. Investigating human-made preferential pathways – [A new guidance document](#) for this was published in by the department in June, and discusses the considerations and sampling methods. This is important here, because from the 1991 Soil Gas survey (see attached), there was elevated PCE to the south of the former dry cleaner between S. Dousman St and S. State St (location 32). Based on your figures, there is a sewer line that runs between the houses on that street, which may be acting as a preferential pathway.

Please contact me with any questions.

-Matt

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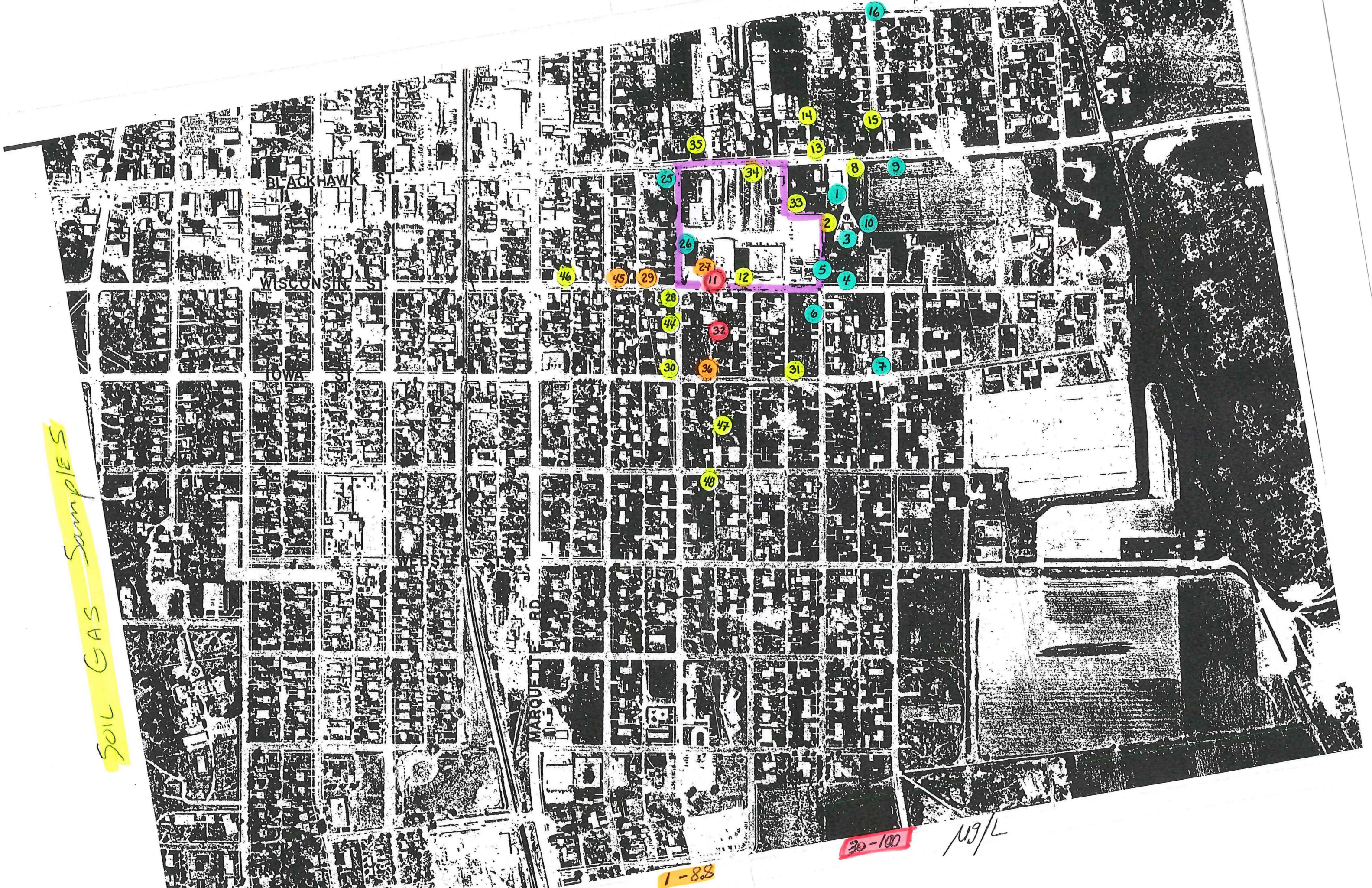
Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

### Matthew Vitale

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SOIL GAS SAMPLES



1-88

30-100

109/L

TABLE 5-1

City of Prairie du Chien Soil Gas Analysis			
Probe No.	Sample Volume (ml)	Tetrachloroethylene** ug/l	Detection Limit (ug/l)
1	300	ND	0.007
2	300	0.032	0.007
3	300	ND	0.007
4	300	ND	0.007
5	300	ND	0.007
6	300	ND	0.007
7	300	ND	0.007
8	300	0.020	0.007
9	300	ND	0.007
10	300	ND	0.007
11	300	100.	0.007
12	300	0.302	0.007
13	300	0.111	0.007
14	300	0.094	0.007
15	300	0.063	0.007
16	300	ND	0.017
17	300	ND	0.017
18	300	ND	0.017
19	300	ND	0.017
20	300	ND	0.017

\*\* ug/l = ppb

ND = Not Detected

Table 5-1 (Continued)

City of Prairie du Chien Soil Gas Analysis			
Probe No.	Sample Volume (ml)	Tetrachloroethylene ug/l	Detection Limit (ug/l)
21	300	ND	0.017
22	300	ND	0.017
23	300	ND	0.017
24	300	ND	0.017
25	300	ND	0.017
26	300	ND	0.017
27	5	8.76	1.000
28	300	0.251	0.017
29	300	1.17	0.050
30	100	0.071	0.050
31	300	0.038	0.017
32	5	30.1	1.000
33	100	0.091	0.050
34	100	0.036	0.017
35	300	0.036	0.017
36	100	2.66	0.050
37	100	0.932	0.050
38	300	0.045	0.017
39	300	0.030	0.017
40	300	0.028	0.017

\*\* ug/l = ppb

ND = Not Detected

Table 5-1 (Continued)

City of Prairie du Chien Soil Gas Analysis			
Probe No.	Sample Volume (ml)	Tetrachloroethylene** ug/l	Detection Limit (ug/l)
41	300	0.026	0.017
42	300	0.026	0.017
43	100	ND	0.050
44	300	0.054	0.007
45	300	1.18	0.007
46	300	0.016	0.007
47	300	0.012	0.007
48	300	0.021	0.007
49	300	ND	0.007
50	300	ND	0.007
51	300	ND	0.007
52	300	0.056	0.007
53	300	ND	0.007
54	300	0.027	0.007
55	300	0.575	0.007
56	300	0.010	0.007

\*\* ug/l = ppb

ND = Not Detected



PRAIRIE DU CHIEN  
 ATI #95723

POSSIBLE TETRACHLOROETHYLENE SOURCES

- |     |                           |     |                                  |
|-----|---------------------------|-----|----------------------------------|
| 1.  | Kwik Trip                 | 22. | Wolf Machine                     |
| 2.  | IOCO/CITGO                | 23. | Highway Grill                    |
| 3.  | Gebel Laundry             | 24. | Quick-Trip                       |
| 4.  | Marquette Body Shop       | 25. | Prairie Monuments                |
| 5.  | Kramer Auction            | 26. | Villa Oasis/Union 76             |
| 6.  | Speedway                  | 27. | Office Supply Bldg.              |
| 7.  | Holiday Station           | 28. | Sears Catalog                    |
| 8.  | Mariner Outboard          | 29. | 1 Hour Cleaners                  |
| 9.  | NAPA Auto Parts           | 30. | Prairie du Chien Fire Dept.      |
| 10. | Car Quest                 | 31. | DYRUD Labs                       |
| 11. | American Family Insurance | 32. | DO Corp./Safety Clean            |
| 12. | AMOCO                     | 33. | Huebsch Chevrolet                |
| 13. | Rickliff Plumbing         | 34. | Dagnon Bulck                     |
| 14. | DOBOY Service Co-op       | 35. | CENEX Bulk                       |
| 15. | City Street Dept. Shop    | 36. | Locher Motors                    |
| 16. | Design Homes              | 37. | 3M (old facility)                |
| 17. | 3M Corp.                  | 38. | Dry Cleaner                      |
| 18. | National Guard Armory     | 39. | Dry Cleaner                      |
| 19. | TruGas                    | 40. | Old Service Station              |
| 20. | Burlington Northern Yard  |     | (adjacent Anchor Savings & Loan) |
| 21. | A.W. Thompson             |     |                                  |